

8/13/08  
AB

providing a transmitter that operates in parallel with the transmit request handler;  
and  
utilizing the transmitter to dequeue the connection establishment ~~connections~~  
from the ready queue and prepare packets for transmission.

Claim 12 line 2: delete "connections", add -- the connection establishment --

Claim 13 line <sup>1</sup>/~~2~~: delete "connections", add -- the connection establishment --

Claim 14 line 1: delete "connection", add -- of the connection establishment --

Claim 15 (currently amended) A system for transmitting packets in a transfer control protocol (TCP) environment, comprising:

a connection context for storing event information;

a transmit request handler that receives request events from a requester including a notification of new transmission data posted, records the event information into the connection context, and, based on the notification of new transmission data posted, either schedules ~~a connection~~ in a ready queue or places ~~the connection~~ in a pending queue a connection establishment;

a transmitter that operates in parallel with the transmit request handler, wherein the transmitter dequeues the connection establishments ~~connections~~ from the ready queue and prepares packets for transmission based on event information stored in the connection context; and

a queue manager for moving the connection establishment ~~connections~~ from the pending queue to the ready queue.

Claim 16 line 2: delete "connections", add -- the connection establishments --

Claim 17 line 2: delete "connections", add -- of the connection establishments --

### REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:
3. Applicant argues that Jayam (US 2003/0115337 A1), the best prior art presented by the examiner, does not teach "connection (*connection establishments*, not packets)" for the ready queue and pending queue; also, no where is "connection contexts" shown.

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8/13/08